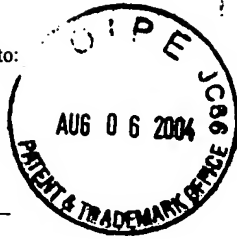


I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Attorney for Applicant

Date: 04 August 2004



IFW
#

Application No. : 10/731,679
Applicant : Feng Lin
Filed : 9 December 2003
Title : INTERLEAVED DELAY LINE FOR PHASE LOCKED AND DELAY LOCKED LOOPS

TC/A.U. : 2116
Examiner : Nitin C. Patel

Atty. Docket No. : DB000861-002
Customer No. : 24122

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

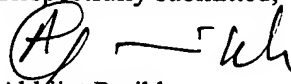
Enclosed for filing in the above-captioned application, please find the following:

- An Information Disclosure Statement (3pgs.);
- A copy of PTO/SB/08A filed with the U.S. Patent Office in the parent application of the present application having Serial No. 09/652,632. Under 37 C.F.R. § 1.98(d), copies of references cited in the Information Disclosure Statement in the parent application are not required.
- An Examination Report from Japanese Patent Office with English translations;
- A copy of U.S. Patent and Trademark Office Notice of References Cited (PTO-892) in a related application having Serial No. 10/731,779. Under 37 C.F.R. § 1.98(d), copies of references cited in the Information Disclosure Statement in the parent application are not required;
- Fee Transmittal Form (PTO/SB/17); and
- A check in the amount of \$180 as the requisite fee.

Also enclosed is a return postcard. Please date stamp and mail the postcard to acknowledge receipt of the above-referenced correspondence. The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888.

A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Abhijat Parikh', written over the printed name.

Abhijat Parikh

Reg. No. 49,086

THORP REED & ARMSTRONG, LLP

One Oxford Centre, 14th Floor

301 Grant Street

Pittsburgh, PA 15219-1425

(412) 394-2478

Attorney for Applicant

Dated: 04 August 2004



Application : 10/731,679
Applicant : Feng Lin
Filed : 9 December 2003
Title : INTERLEAVED DELAY LINE FOR PHASE LOCKED AND
DELAY LOCKED LOOPS

TC/A.U. : 2116
Examiner : Nitin C. Patel

Atty. Docket No. : DB000861-002
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To: Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

Pursuant to the provisions of 37 CFR §§1.56 and 1.97-98, enclosed for Examiner's consideration are copies of the PTO/SB/08A filed with the U. S. Patent Office in the parent of the present application having Serial No. 09/652,632 and PTO-892 received in a related divisional application having Serial No. 10/731,779. Under 37 CFR § 1.98(d), copies of references cited in the IDS in this parent application are not required.

A copy of an Examination Report received from the Japanese Patent Office in a related application is also enclosed. English translations of the Report and the prior art search results are also provided for the Examiner's review.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is "prior art" to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability as defined in 37 CFR §1.56, or that no other material information exists, and shall not be construed as an admission against applicant(s) interest in any manner.

The Information Disclosure Statement submitted herewith is being filed pursuant to:

☐ 37 C.F.R. §1.97(b)(1); no fee is required;
OR

☐ 37 C.F.R. §1.97(b)(2); no fee is required;
OR

08/09/2004 HHEKONEW 00000030 10731679

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☐ 37 C.F.R. §1.97(b)(3); no fee is required;
OR

☐ 37 C.F.R. §1.97(b)(4); no fee is required;
OR

☒ 37 C.F.R. §1.97(c);
AND either

☒ The fee set forth in §1.17(p) is attached; OR

Applicant certifies pursuant to 37 CFR §1.97(e) that:

☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR

☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this statement;

OR

☐ 37 C.F.R. §1.97(d); the fee set forth in §1.17(p) is attached,
AND

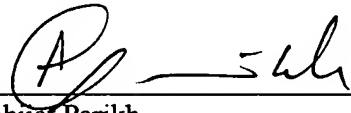
☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR

☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this Statement.

Applicant respectfully requests that the listed references be considered by the Examiner, and that the Examiner acknowledge consideration of these references by initialing and returning a copy of the attached form(s) with the next Official Action.

Respectfully submitted,

Dated: 8-4-2004


Abhijit Parikh
Reg. No. 49,086
Thorp Reed & Armstrong, LLP
One Oxford Centre, 14th Floor
301 Grant Street
Pittsburgh, Pennsylvania 15219-1425
Tel.: 412/394-2478
Fax: 412/394-2555

Attorney for Applicant

copy



Notice of References Cited

Application/Control No.

10/731,779

Applicant(s)/Patent Under
Reexamination
LIN, FENG

Examiner

Nitin C. Patel

Art Unit

2116

Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-------------------------|----------------|
| | A | US-6,445,231 | 09-2002 | Baker et al. | 327/158 |
| | B | US-5,808,478 | 09-1998 | Andresen, Bernhard Hans | 326/31 |
| | C | US-5,923,715 | 07-1999 | Ono, Masayoshi | 375/376 |
| | D | US-6,011,732 | 01-2000 | Harrison et al. | 365/194 |
| | E | US-6,518,812 | 02-2003 | Sikkink et al. | 327/284 |
| | F | US-5,420,531 | 05-1995 | Wetlaufer, Gary D. | 327/270 |
| | G | US- | | | |
| | H | US- | | | |
| | I | US- | | | |
| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | O | | | | | |
| | P | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | S | | | | | |
| | T | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
| | U | |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

| | |
|----------------------|-----------------|
| Application Number | 10/731,679 |
| Filing Date | 9 December 2003 |
| First Named Inventor | Feng Lin |
| Examiner Name | Nintin C. Patel |
| Art Unit | 2116 |
| Attorney Docket No. | DB000861-002 |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 20-0888
Deposit Account Name: Thorp Reed & Armstrong

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | (\$) 0 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = | X | |
| Multiple Dependent | -3** = | X | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | 180 |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

| | | | | | |
|-------------------|----------------|-----------------------------------|----------------|-----------|--------------|
| Name (Print/Type) | Abhijat Parikh | Registration No. (Attorney/Agent) | 49,086 | Telephone | 412-394-2478 |
| Signature | | Date | 04 August 2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.